



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#6
DB
1/22/02

In re the application of: Maria A. Glucksmann

Group Art Unit: 1646

Serial No.: 09/884,870

Examiner:

Filed: June 18, 2001

For: 33358, *A NOVEL HUMAN ANKYRIN FAMILY MEMBER AND USES THEREOF*

Attorney Docket No.: MNI-162CP

RECEIVED
JAN 17 2002
TECH CENTER 1600/2900

Commissioner for Patents
Washington, D.C. 20231

Certificate of First Class Mailing (37 CFR §1.8(a))

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on the date set forth below.

October 17, 2001

Date of Signature and of Mail Deposit

By

Debra J. Milasincic

Registration No. 46,931

Attorney for Applicants

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

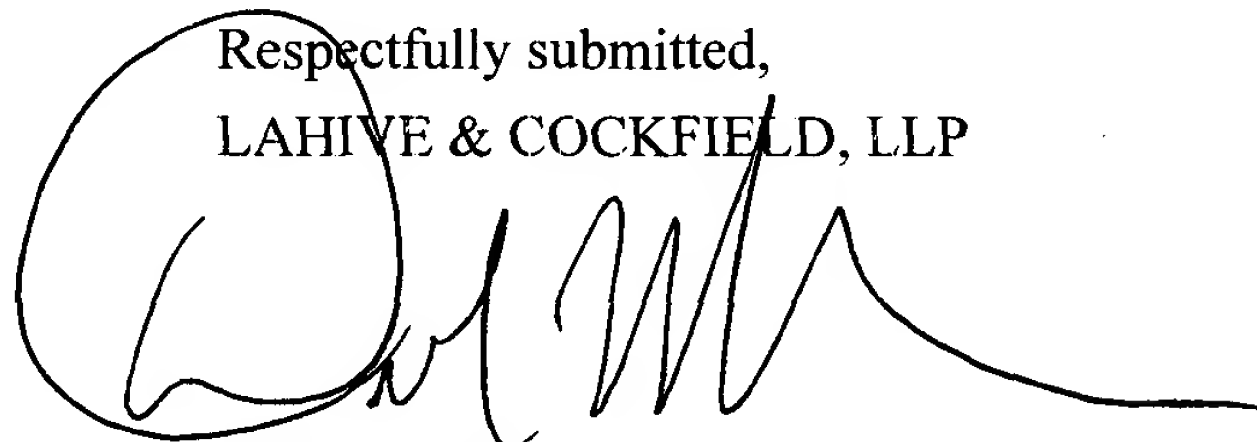
Applicants and their attorney are aware of the following publications and information, listed on the attached PTO Form 1449, and in accordance with 37 CFR §1.97 hereby submit these publications for the Examiner's consideration. A copy of each cited publication is enclosed.

This statement is not to be interpreted as a representation that the cited publications are material, that an exhaustive search has been conducted, or that no other relevant information exists. Nor shall the citation of any publication herein be

construed *per se* as a representation that such publication is prior art. Moreover, Applicants understand that the Examiner will make an independent evaluation of the cited publications.

Under 37 CFR § 1.97(b)(3), no additional costs are believed to be due in connection with the filing of this disclosure. If, however, a first Office Action on the merits issues in this application bearing a mailing date prior to the date of this Information Disclosure Statement, please charge the appropriate fee as required under 37 CFR §1.17(p) to our Deposit Order Account No. 12-0080.

Respectfully submitted,
LAHIVE & COCKFIELD, LLP

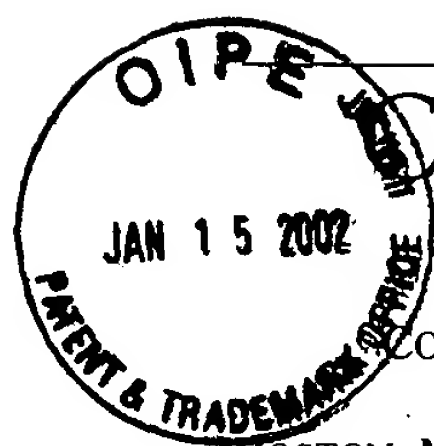


Debra J. Milasincic
Registration No. 46,931
Attorney for Applicants

28 State Street
Boston, MA 02109
(617) 227-7400

Date: October 17, 2001

AEM/DJM/JXS/alf
Enclosures



LAHIVE
&
COCKFIELD
LLP

COUNSELLORS AT LAW
28 STATE STREET
BOSTON, MASSACHUSETTS 02109-1784
TELEPHONE (617) 227-7400
FAX (617) 742-4214
lc@lahive.com

JOHN A. LAHIVE, JR. (1928-1997)
THOMAS V. SMURZYNSKI
RALPH A. LOREN
GIULIO A. DeCONTI, JR.
ANN LAMPORT HAMMITTE
ELIZABETH A. HANLEY
AMY BAKER MANDRAGOURAS
ANTHONY A. LAURENTANO
KEVIN J. CANNING
JANE E. REMILLAR
DeANN FORAN SMITH
PETER C. LAURO
JEANNE M. DIGIORGIO
DEBRA J. MILASINCIC, Ph.D.
DAVID J. RIKKERS
DAVID R. BURNS
JOHN S. CURRAN
SEAN D. DETWEILER

CYNTHIA L. KANIK, Ph.D.
MEGAN E. WILLIAMS, Ph.D.
RICHANAND
MICHAEL PHILLIPPS
LISA M. DIROCCO

SENIOR COUNSEL
JAMES E. COCKFIELD

OF COUNSEL
JEREMIAH LYNCH
WILLIAM A. SCOFIELD, JR.

PATENT AGENTS
PETER S. STECHER
THEODORE R. WEST
SHAYNE Y. HUFF, Ph.D.
HATHAWAY P. RUSSELL
DANIEL B. KO

TECHNICAL SPECIALISTS
MARIA LACCOTRIPE ZACHARAKIS, Ph.D.**
CYNTHIA M. SOROOS
PETER W. DINI, Ph.D.
EUIHOON LEE
JENNIFER K. ROSENFELD
ALLAN TAMESHTIT, Ph.D.
CATHERINE E. McPHERSON
ERIC F. WAGNER, Ph.D.
SHAHID HASAN, Ph.D.
JACOB G. WEINTRAUB
PETER A. DiMATTIA
JONATHAN M. SPARKS, Ph.D.
CRISTIN E. HOWLEY, Ph.D.
VINCENT P. LOCCISANO
MERIDETH C. ARNOLD

* Admitted in NY only
** Passed the Patent Bar Examination

October 17, 2001

Commissioner for Patents
Washington, D.C. 20231

Re: U.S. Patent Application No.: 09/884,870
33358, *A NOVEL HUMAN ANKYRIN FAMILY MEMBER AND USES THEREOF*
Inventor: Maria A. Glucksmann et al.
Filed: June 18, 2001
Our Ref. No.: MNI-162CP

Dear Sir:

I enclose herewith for filing in the above-identified application the following:

1. Information Disclosure Statement;
2. PTO Form 1449;
3. Copies of references cited in PTO Form 1449; and
4. A Return Postcard.

No additional costs are believed to be due in connection with the filing of this Information Disclosure Statement. However, please charge any necessary fees in connection with the enclosed statement to our Deposit Order Account No. 12-0080. For this purpose, a duplicate of this sheet is attached.

I hereby certify that this correspondence is deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on:

October 17, 2001
Date

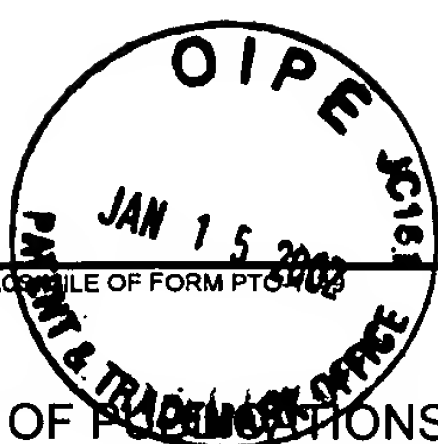
Debra J. Milasincic, Reg. No. 46,931

Respectfully submitted,
LAHIVE & COCKFIELD, LLP

Debra J. Milasincic
Registration No. 46,931
Attorney for Applicants

RECEIVED
JAN 17 2002
TECH CENTER 1630/2500

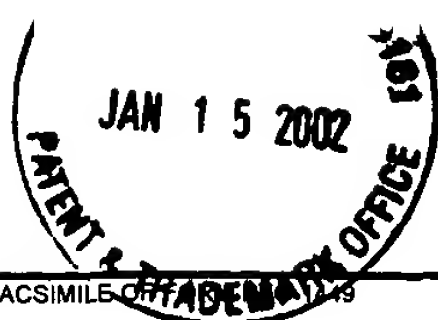
1646



APPLICANT FACT SHEET OF FORM PTO-702 REV 7-80	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO MNI-162CP	SERIAL NO. 09/884,870
LIST OF PUBLICATIONS CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT Maria A. Glucksmann et al.	
		FILING DATE June 18, 2001	GROUP 1646

OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

B1	GenBank Acc. No.: AK004396 for Mus musculus 18 days embryo cDNA, RIKEN full-length enriched library, clone:1110067L12, full insert sequence		
B2	GenBank Acc. No.: AK002412 for Mus musculus adult male kidney cDNA, RIKEN full-length enriched library, clone:0610009J12, full insert sequence		
B3	GenBank Acc. No.: BF040316 for BP250022A20C3 Soares normalized bovine placenta Bos taurus cDNA clone BP250022A20C3 5', mRNA sequence		
B4	GenBank Acc. No.: BF284816 for EST449407 Rat Gene Index, normalized rat, Rattus norvegicus cDNA Rattus norvegicus cDNA clone RGIEW71 3' sequence, mRNA sequence		
B5	GenBank Acc. No.: BF040576 for BP250010B20F3 Soares normalized bovine placenta Bos taurus cDNA clone BP250010B20F3 5', mRNA sequence		
B6	GenBank Acc. No.: BF550817 for UI-R-C1-jv-f-11-0-UI.r1 UI-R-C1 Rattus norvegicus cDNA clone UI-R-C1-jv-f-11-0-UI 5', mRNA sequence		
B7	GenBank Acc. No.: BF046040 for BP250022B10G10 Soares normalized bovine placenta Bos taurus cDNA clone BP250022B10G10 5', mRNA sequence		
B8	GenBank Acc. No.: AW918700 for EST350004 Rat gene index, normalized rat, norvegicus, Bento Soares Rattus norvegicus cDNA clone RGIEW71 5' end, mRNA sequence		
B9	GenBank Acc. No.: AL080091 for Homo sapiens mRNA; cDNA DKFZp564L0862 (from clone DKFZp564L0862); partial cds		
B10	GenBank Acc. No.: AK000643 for Homo sapiens cDNA FLJ20636 fis, clone KAT03434		
B11	Ginsburg, D. et al., "Molecular genetics of von Willebrand disease. <i>Blood</i> 1992 May 15;79(10):2507-19		
B12	Jacobs, M. et al., "Structure of an IkappaBalpha/NF-kappaB complex," <i>Cell</i> 1998 Dec 11;95(6):749-58		
B13	Janel, N. et al., "Comparison of the 5'-flanking sequences of the human and bovine von Willebrand factor-encoding genes reveals alternation of highly homologous domains with species-specific Alu-type repeats," <i>Gene</i> 1995 Dec 29;167(1-2):291-5		
B14	Johnson, G. et al., "A bleeding disease (von Willebrand's disease) in a Chesapeake Bay Retriever," <i>J. Am. Vet. Med. Assoc.</i> 1980 Jun 1;176(11):1261-3		
B15	Lankhof, H. et al., "Role of the glycoprotein Ib-binding A1 repeat and the RGD sequence in platelet adhesion to human recombinant von Willebrand factor," <i>Blood</i> 1995 Aug 1;86(3):1035-42		
B16	Lavergne, J.-M. et al., "Primary structure of the factor VIII binding domain of human, porcine and rabbit von Willebrand factor," <i>Biochem. Biophys. Res. Commun.</i> 1993 Aug 16;194(3):1019-24		
B17	Sanjuan, J. et al., "A 2-O-methylfucose moiety is present in the lipo-oligosaccharide nodulation signal of Bradyrhizobium japonicum," <i>PNAS USA</i> 1992 Sep 15;89(18):8789-93		
B18	Zhang, Z. et al., "Structure of the ankyrin-binding domain of alpha-Na,K-ATPase," <i>J. Biol. Chem.</i> 1998 Jul 24;273(30):18681-4		
B19	Zou, Y. et al., "CARP, a cardiac ankyrin repeat protein, is downstream in the Nkx2-5 homeobox gene pathway," <i>Development</i> 1997 Feb;124(4):793-804		
Examiner		Date Considered	
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			



APPLICANT FACSIMILE OFFICE REV 7-80	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO MNI-162CP	SERIAL NO. 09/884,870
LIST OF PUBLICATIONS CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT Maria A. Glucksmann et al.	
		FILING DATE June 18, 2001	GROUP 1646

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

--	--	--	--	--	--	--	--

OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

	A1	Avgeris, S. et al., "Plasma von Willebrand factor concentration and thyroid function in dogs," <i>J. Am. Vet. Med. Assoc.</i> 1990 Mar 15;196(6):921-4
	A2	Bakhshi, M. et al., "Sequencing of the primary adhesion domain of bovine von Willebrand factor," <i>Biochim. Biophys. Acta.</i> 1992 Oct 20;1132(3):325-8
	A3	Batchelor, A. et al., "The structure of GABPalpha/beta: an ETS domain- ankyrin repeat heterodimer bound to DNA," <i>Science</i> 1998 Feb 13;279(5353):1037-41
	A4	Benson, R. et al., "Efficiency and precision of electroimmunoassay for canine factor VIII-related antigen," <i>Am. J. Vet. Res.</i> 1983 Mar;44(3):399-403
	A5	Blank, V. et al., "NF-kappa B and related proteins: Rel/dorsal homologies meet ankyrin-like repeats," <i>Trends Biochem. Sci.</i> 1992 Apr;17(4):135-40
	A6	Bloom, A., "von Willebrand factor: clinical features of inherited and acquired disorders," <i>Mayo. Clin. Proc.</i> 1991 Jul;66(7):743-51
	A7	Bonthron, D. et al., "Nucleotide sequence of pre-pro-von Willebrand factor cDNA," <i>Nucleic Acids Res.</i> 1986 Sep 11;14(17):7125-7
	A8	Bork, P., "Hundreds of ankyrin-like repeats in functionally diverse proteins: mobile modules that cross phyla horizontally?" <i>Proteins</i> 1993 Dec;17(4):363-74
	A9	Brinkhous, K. et al., "Pathophysiology of platelet-aggregating von Willebrand factor: applications of the venom coagglutinin vWF assay," <i>Ann. NY Acad. Sci.</i> 1981;370:191-204
	A10	Brooks, M. et al., "Epidemiologic features of von Willebrand's disease in Doberman pinschers, Scottish terriers, and Shetland sheepdogs: 260 cases (1984-1988)," <i>J. Am. Vet. Med. Assoc.</i> 1992 Apr 15;200(8):1123-7
	A11	Eikenboom, J. et al., "Dominant type 1 von Willebrand disease caused by mutated cysteine residues in the D3 domain of von Willebrand factor," <i>Blood</i> 1996 Oct 1;88(7):2433-41
	A12	GenBank Acc. No.: BAB22987 for putative [Mus musculus]
	A13	GenBank Acc. No.: BAB24293 for putative [Mus musculus]
	A14	GenBank Acc. No.: BAB23286 for putative [Mus musculus]
	A15	GenBank Acc. No.: BAB22080 for putative [Mus musculus]
	A16	GenBank Acc. No.: AK005878 for Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:1700011M07, full insert sequence
	A17	GenBank Acc. No.: AK005404 for Mus musculus adult female placenta cDNA, RIKEN full-length enriched library, clone:1600009D24, full insert sequence

Examiner

Date Considered

*EXAMINER:

Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.